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Serial No.: 10/727,342

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First named inventor: Jari Syrjärinne

Serial No.: 10/727,342

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Title: METHOD AND APPARATUS FOR LOWERING POWER USE BY A
RANGING RECEIVER

Group Art Unit: 2684

Examiner: Alan T. Gantt

RESPONSE TO OFFICE ACTION

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

The following is in response to the Office action mailed
July 29, 2005.

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In the disclosure:

Please change the paragraph beginning at page 8, line 10, as follows:

--Thus, referring now to Fig. 2, the invention provides a method having a first step 21, in which the controller 15 reads the output signals of the motion sensor 14 and the output signals of the GPS receiver 12. The controller then decides whether ~~the~~ there is significant motion indicated by the outputs. If ~~se~~not, then in a next step 22, the controller 15 powers down selected components of the GPS receiver 12, typically simply switching the GPS receiver from active mode to standby mode, although more sophisticated strategies for partially shutting down the GPS receiver are also contemplated by the invention. Then (after some predetermined time) in a next step 23, the controller 15 again reads output signals from the motion sensor 14 (but not also from the GPS receiver, which is turned off at this point). This step may be repeated several times in succession. Eventually, after either some predetermined time has elapsed according to e.g. a local clock 18, or as soon as the motion sensor 14 indicates significant motion, the controller 15 decides whether it is time to re-apply power to the powered-down components of GPS receiver according to one or another of the above-described (or comparable) rules, or some combination of the above (or comparable) rules. If so, the in a next step 24, the controller 15 re-applies power to the powered-down components of GPS receiver 12.--